FIG. 1

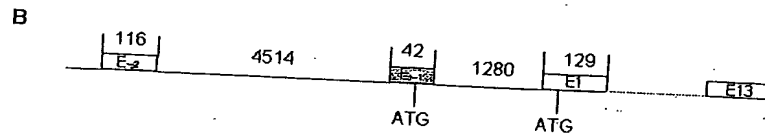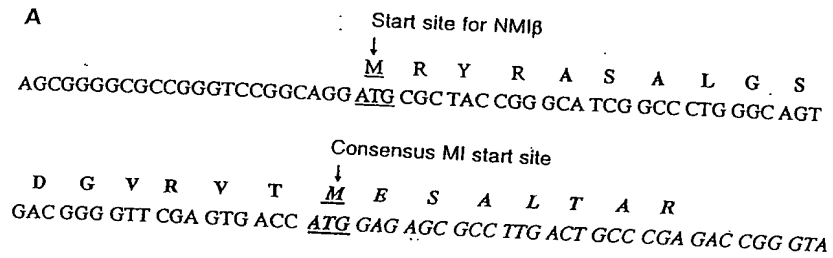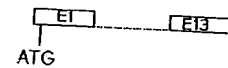|			
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lnsr.

FIG. 2

```
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 121   tgtcctgctg gagaatttca ccagtgaggc tgccttcatt gagaacctcc ggcggcggtt
 181   ccgggagaac ctcatttata cctacatcgg tcctgtccta gtctctgtca atccctaccg
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2281   actgggccgg aggaaggcag ccaagaggaa gtgggcagcc cagaccatcc gtcgactcat
2341   ccgtggcttc attttgcgcc attcacccce gtgccctgag aatgccttct tcttggacca
2401   cgtgcgcgcc tcattttttgc ttaacctgag gcggcaactg ccccggaatg ttctggacac
2461   ctcctggccc acacccccac ctgccctgag agaggcctca gaactgctac gggaactgtg
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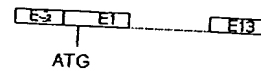
FIGURE 3

A

Start site for NMIβ
↓

M R Y R A S A L G S

AGCGGGGCGCCGGGTCCGGCAGG ATG CGC TAC CGG GCA TCG GCC CTG GGC AGT

Consensus MI start site
↓

D G V R V T M E S A L T A R

GAC GGG GTT CGA GTG ACC ATG GAG AGC GCC TTG ACT GCC CGA GAC CGG GTA

B

Vibrator mouse (9) and human (10) myosin I β

Normal mouse (10) myosin I β

Nuclear myosin I β

FIGURE 4

A

	Pep Ab	NE	MWM	Pep Ab	Ads Pep Ab

Pol II Ab

208

Peptide Ab

103

B

Con	Myo II Ab	Am	Pep Ab	Ads Pep Ab
1.00	0.96	0.02	0.11	1.00